OIPE

RAW SEQUENCE LISTING   DATE: 01/30/2002
PATENT APPLICATION: US/10/044,643   TIME: 15:14:41

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 3 <110> APPLICANT: Majumder, Kumud
 4         Vernet, Corine
 5         Casman, Stacie J
 6         Wolenc, Adam R
 7         Spaderna, Steven K
 8         Padigaru, Muralidhara
 9         Mishnu, Vishun S
10         Tchernev, Velizar T
11         Spytek, Kimberly A
12         Li, Li
13         Baumgartner, Jason C
14         Gusev, Vladimir
16 <120> TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
18 <130> FILE REFERENCE: 15966-748
20 <140> CURRENT APPLICATION NUMBER: US/10/044,643
21 <141> CURRENT FILING DATE: 2002-01-11
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26 <150> PRIOR APPLICATION NUMBER: 60/194,614
27 <151> PRIOR FILING DATE: 2000-04-05
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 89 gtttctgctt ccacatgaag acctggaagc ccagcactgt ttacctttc aatttggccg  180
 90 tggctgattt cctccttatg atctgcctgc ctttcggac agactattac ctcagacgta  240
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101 attttcaag ccctccttt cccaaattct acaacaagct caaaatctgc agtctgaaac  900
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135              115                 120                 125
137 Thr Arg Val Ala Ala Gly Ile Val Cys Thr Leu Trp Ala Leu Val Ile
138      130                 135                 140
140 Leu Gly Thr Val Tyr Leu Leu Leu Glu Asn His Leu Cys Val Gln Glu
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143 Thr Ala Val Ser Cys Glu Ser Phe Ile Met Glu Ser Ala Asn Gly Trp
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146 His Asp Ile Met Phe Gln Leu Glu Phe Met Pro Leu Gly Ile Ile
147                  180                 185                 190
149 Leu Phe Cys Ser Phe Lys Ile Val Trp Ser Leu Arg Arg Arg Gln Gln
150      195                 200                 205
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153      210                 215                 220
155 Val Ala Ile Val Phe Ile Thr Cys Tyr Leu Pro Ser Val Ser Ala Arg
156 225                 230                 235                 240
158 Leu Tyr Phe Leu Trp Thr Val Pro Ser Ser Ala Cys Asp Pro Ser Val
159                  245                 250                 255
161 His Gly Ala Leu His Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
162                  260                 265                 270
164 Leu Asp Pro Leu Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Lys Phe
165      275                 280                 285
167 Tyr Asn Lys Leu Lys Ile Cys Ser Leu Lys Pro Lys Gln Pro Gly His
168      290                 295                 300
170 Ser Lys Thr Gln Arg Pro Glu Glu Met Pro Ile Ser Asn Leu Gly Arg
171 305                 310                 315                 320
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                     PATENT APPLICATION:  US/10/044,643      TIME: 15:14:41

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198  ctagactcta tttcctctgg acggtgccct cgagtgcctg cgatccctct gtccatgggg 780
199  ccctgcacat aaccctcagc ttcacctaca tgaacagcat gctggatccc ctggtgtatt 840
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243           20                  25                  30
245  Asn Gly Val Ala Leu Cys Gly Phe Cys Phe His Met Lys Thr Trp Lys
246       35                  40                  45
248  Pro Ser Thr Val Tyr Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu
249       50                  55                  60
251  Met Ile Cys Leu Pro Phe Arg Thr Asp Tyr Tyr Leu Arg Arg Arg His
252   65                  70                  75                  80
254  Trp Ala Phe Gly Asp Ile Pro Cys Arg Val Gly Leu Phe Thr Leu Ala
255                   85                  90                  95
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                  PATENT APPLICATION:  US/10/044,643        TIME: 15:14:41

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257 Met Asn Arg Ala Gly Ser Ile Val Phe Leu Thr Val Val Ala Ala Gly
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261         115                 120                 125
263 Thr Arg Val Ala Ala Gly Ile Val Cys Thr Leu Trp Ala Leu Val Ile
264     130                 135                 140
266 Leu Gly Thr Val Tyr Leu Leu Glu Asn His Leu Cys Val Gln Glu
267 145                 150                 155                 160
269 Thr Ala Val Ser Cys Glu Ser Phe Ile Met Glu Ser Ala Asn Gly Trp
270             165                 170                 175
272 His Asp Ile Met Phe Gln Leu Glu Phe Phe Met Pro Leu Gly Ile Ile
273         180                 185                 190
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285             245                 250                 255
287 His Gly Ala Leu His Ile Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
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291         275                 280                 285
293 Tyr Asn Lys Leu Lys Ile Cys Ser Leu Lys Pro Lys Gln Pro Gly His
294     290       .           295                 300
296 Ser Lys Thr Gln Arg Pro Glu Glu Met Pro Ile Ser Asn Leu Gly Arg
297 305                 310                 315                 320
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L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:3541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63